10 MINUTES ON…

Radiation dose reduction in computed tomography

On-line CME course for Radiologists

Register now!

Scientific Director

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Springer Healthcare

Education

BACKGROUND

Despite general consensus on the benefit to the patient of computed tomography when used for appropriate indications, concerns have been raised regarding the potential risk of CT radiation-induced cancer resulting from the exponential increase in the use of CT in medicine. Keeping radiation dose as low as reasonably achievable, consistent with the diagnostic task, remains the most important factor in reducing this potential risk.

OBJECTIVES

This course is aimed at providing practical approaches to reduce radiation dose in the use of CT in a real-world clinical setting. Moreover another purpose of this course is to help fill the gap between the educational needs of radiologists and currently available resources.

STRUCTURE

The course is structured in 3 e-learning modules:

MODULE 1. Radiation dose: overview of the issue and general technical strategies for its reduction

MODULE 2. Examination-specific dose-reduction techniques (CT Angiography of the abdomen)

MODULE 3. Examination-specific dose-reduction techniques (perfusion CT, abdominal imaging) and future perspectives in radiation-dose reduction

The contents are presented as:

- Three 10-minute video-commented slideshows
- Clinical cases with clinical decision points
- Further reading (for Italian radiologists only)

N. 3 ECMECs (Europe)
N. 4 CME credits (Italy)

FACULTY

Scientific Director and Teacher Module 1:
Mathias Prokop. Department of Radiology and Nuclear Medicine, Radboud University Medical Center, Nijmegen, The Netherlands

Teacher Module 2:
Christian Loewe. Department of Biomedical Imaging and Image-Guided Therapy, Division of Cardiovascular and Interventional Radiology, Medical University of Vienna, Vienna, Austria

Teacher Module 3:
Maria Antonietta Mazzei. Department of Medical, Surgical and Neuro Sciences, Diagnostic Imaging, University of Siena, Italy

The course is accessible from the **MDCT.net** website:
http://mdct.net (and other Springer Healthcare channels).

Do not wait any longer to register!

For further information or assistance, please contact **ecm.springeritaly@springernature.com**

Supported by an unrestricted educational grant from

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